

# 1998 Human Factors Information System Report for Plant Docket 266

Combined IR/ER/LER Report  
Docket: 50-266 POINT BEACH 1

Total Number of Hits in Date Range: 206  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 6			
Percent of total: 2.91			
54-No communication	Z-Other	A-Administrative	50-266/1998009
	Z-Other		
53-Communication	LT O-Operations	S-Surveillance	50-266/1998011
	O-Operations		
53-Communication	LT M-Mechanical	V-Troubleshooting	50-266/1998014
	I-Instrumentation &		
53-Communication	LT M-Mechanical	V-Troubleshooting	50-266/1998014
	E-Electrical		
53-Communication	LT M-Mechanical	M-Maint / Repair	50-266/1998014
	I-Instrumentation &		
53-Communication	LT E-Electrical	M-Maint / Repair	50-266/1998014
	E-Electrical		

Communications ER  
Number of items: 0  
Percent of total: 0

Communications LER  
Number of items: 0  
Percent of total: 0

Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: .97			
76-Postings	LTA H-Health Physics	R-Refueling	50-266/1998003
73-Excessive Noise	F-Fuel Handling	R-Refueling	50-266/1998003

Human-System Interface and Environm ER  
Number of items: 0  
Percent of total: 0

Human-System Interface and Environm LER  
Number of items: 0  
Percent of total: 0

Management and Supervision IR			
Number of items: 38			
Percent of total: 18.45			
33-Management expec	O-Operations	O-Control Room Ops	50-266/1997023
43-Operating Experi	O-Operations	Z-Other	50-266/1997023
43-Operating Experi	O-Operations	Z-Other	50-266/1997023
41-Action not begun	O-Operations	Z-Other	50-266/1997023
43-Operating Experi	O-Operations	Z-Other	50-266/1997023
41-Action not begun	O-Operations	Z-Other	50-266/1997023
44-Corrective Actio	O-Operations	Z-Other	50-266/1997023
44-Corrective Actio	O-Operations	Z-Other	50-266/1997023
44-Corrective Actio	G-Engineering	A-Administrative	50-266/1997023
33-Management expec	O-Operations	O-Control Room Ops	50-266/1997026

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 38			
Percent of Total: 18.45			
40-Individual Corre	E-Electrical	Z-Other	50-266/1997026
40-Individual Corre	H-Health Physics	H-Health Physics	50-266/1997026

36-Scheduling and p	W-Work Control / Sc	R-Refueling	50-266/1998003
32-Supervision / co	F-Fuel Handling	R-Refueling	50-266/1998003
32-Supervision / co	F-Fuel Handling	R-Refueling	50-266/1998003
41-Action not begun	M-Mechanical	Z-Other	50-266/1998003
33-Management expec	O-Operations	O-Control Room Ops	50-266/1998003
41-Action not begun	O-Operations	P-Procedure Dev	50-266/1998006
36-Scheduling and p	H-Health Physics	M-Maint / Repair	50-266/1998006
36-Scheduling and p	M-Mechanical	M-Maint / Repair	50-266/1998006
33-Management expec	M-Mechanical	A-Administrative	50-266/1998006
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-266/1998006
41-Action not begun	G-Engineering	Z-Other	50-266/1998006
32-Supervision / co	O-Operations	O-Control Room Ops	50-266/1998009
33-Management expec	O-Operations	O-Control Room Ops	50-266/1998009
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-266/1998009
40-Individual Corre	G-Engineering	Z-Other	50-266/1998009
40-Individual Corre	Z-Other	Z-Other	50-266/1998009
43-Operating Experi	G-Engineering	G-Design	50-266/1998011
48-Audits or proble	G-Engineering	Z-Other	50-266/1998011
43-Operating Experi	G-Engineering	G-Design	50-266/1998013
48-Audits or proble	E-Electrical	Z-Other	50-266/1998013
48-Audits or proble	Q-QA/QC	Z-Other	50-266/1998013
47-Root Cause LTA	G-Engineering	Z-Other	50-266/1998013
44-Corrective Actio	G-Engineering	Z-Other	50-266/1998013
32-Supervision / co	D-Emergency Plannin	D-Emergency Drill	50-266/1998014
32-Supervision / co	D-Emergency Plannin	D-Emergency Drill	50-266/1998014
32-Supervision / co	G-Engineering	Z-Other	50-266/1998015

## Management and Supervision ER

Number of items: 0  
Percent of total: 0

## Management and Supervision LER

Number of items: 2  
Percent of total: .97

32-Supervision / co	G-Engineering	S-Surveillance	50-266/199801200
42-No action planne	P-Procedure Writers	P-Procedure Dev	50-266/199802400

## Organizational Issues IR

Number of items: 5  
Percent of total: 2.43

21-Staffing LTA	O-Operations	Z-Other	50-266/1997023
22-Poor Task Alloca	O-Operations	Q-Fire Protection	50-266/1997023
22-Poor Task Alloca	B-Plant Management	Z-Other	50-266/1998009
21-Staffing LTA	O-Operations	B-Bal of Plant Ops	50-266/1998014
21-Staffing LTA	O-Operations	O-Control Room Ops	50-266/1998014

## Organizational Issues ER

Number of items: 0  
Percent of total: 0

## Organizational Issues LER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document IR

Number of items: 40  
Percent of total: 19.42

13-Procedure has hu	G-Engineering	G-Design	50-266/1997023
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## Procedures and Reference Document IR

Number of items: 40  
Percent of Total: 19.42

13-Procedure has hu	G-Engineering	G-Design	50-266/1997023
11-No procedure / r	G-Engineering	G-Design	50-266/1997023
12-Procedure techni	G-Engineering	G-Design	50-266/1997025
11-No procedure / r	G-Engineering	G-Design	50-266/1997026
12-Procedure techni	G-Engineering	G-Design	50-266/1997026
13-Procedure has hu	G-Engineering	G-Design	50-266/1997026
12-Procedure techni	G-Engineering	G-Design	50-266/1998003
12-Procedure techni	G-Engineering	G-Design	50-266/1998003
12-Procedure techni	G-Engineering	G-Design	50-266/1998003
13-Procedure has hu	G-Engineering	G-Design	50-266/1998003

## Human Factors Information System Report

13-Procedure has hu	G-Engineering	G-Design	50-266/1998003
13-Procedure has hu	G-Engineering	G-Design	50-266/1998006
13-Procedure has hu	G-Engineering	G-Design	50-266/1998006
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-266/1998009
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-266/1998009
13-Procedure has hu	D-Emergency Plannin	D-Emergency Drill	50-266/1998009
13-Procedure has hu	G-Engineering	G-Design	50-266/1998010
13-Procedure has hu	G-Engineering	G-Design	50-266/1998010
13-Procedure has hu	G-Engineering	G-Design	50-266/1998010
13-Procedure has hu	G-Engineering	G-Design	50-266/1998010
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-266/1998011
13-Procedure has hu	G-Engineering	G-Design	50-266/1998011
12-Procedure techni	G-Engineering	G-Design	50-266/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-266/1998013
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-266/1998013
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-266/1998013
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-266/1998013
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-266/1998013
12-Procedure techni	G-Engineering	G-Design	50-266/1998013
12-Procedure techni	G-Engineering	G-Design	50-266/1998013
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-266/1998014
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-266/1998014
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-266/1998014
11-No procedure / r	O-Operations	B-Bal of Plant Ops	50-266/1998014
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-266/1998014
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-266/1998014
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-266/1998014
12-Procedure techni	G-Engineering	G-Design	50-266/1998015
12-Procedure techni	G-Engineering	G-Design	50-266/1998015

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

Number of items: 5  
Percent of total: 2.43

12-Procedure techni	M-Mechanical	T-Testing	50-266/199800100
14-Document develop	O-Operations	B-Bal of Plant Ops	50-266/199801300
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-266/199801600

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## Procedures and Reference Document LER

Number of items: 5  
Percent of Total: 2.43

12-Procedure techni	I-Instrumentation &	T-Testing	50-266/199802400
11-No procedure / r	O-Operations	O-Control Room Ops	50-266/199802500

## Training IR

Number of items: 11  
Percent of total: 5.34

02-Training LTA	T-Training	G-Design	50-266/1997025
05-Individual knowl	G-Engineering	G-Design	50-266/1997025
05-Individual knowl	O-Operations	O-Control Room Ops	50-266/1997026
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-266/1998003
05-Individual knowl	G-Engineering	M-Maint / Repair	50-266/1998009
01-No Training	T-Training	O-Control Room Ops	50-266/1998011
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-266/1998011
01-No Training	T-Training	M-Maint / Repair	50-266/1998013
01-No Training	T-Training	M-Maint / Repair	50-266/1998013
02-Training LTA	T-Training	D-Emergency Drill	50-266/1998014
06-Simulator fideli	T-Training	D-Emergency Drill	50-266/1998014

## Training ER

Number of items: 0  
Percent of total: 0

## Training LER

Number of items: 0  
Percent of total: 0

## Work Factors IR

Number of items: 88

Percent of total: 42.72

86-Work untimely	G-Engineering	G-Design	50-266/1997023
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-266/1997023
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-266/1997023
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-266/1997023
86-Work untimely	O-Operations	A-Administrative	50-266/1997023
83-Work practice or	G-Engineering	G-Design	50-266/1997023
83-Work practice or	G-Engineering	A-Administrative	50-266/1997023
85-Team interaction	O-Operations	M-Maint / Repair	50-266/1997023
83-Work practice or	G-Engineering	T-Testing	50-266/1997023
83-Work practice or	G-Engineering	A-Administrative	50-266/1997023
86-Work untimely	G-Engineering	G-Design	50-266/1997023
83-Work practice or	G-Engineering	A-Administrative	50-266/1997025
83-Work practice or	G-Engineering	A-Administrative	50-266/1997025
81-Work Package Qua	G-Engineering	G-Design	50-266/1997025
81-Work Package Qua	G-Engineering	G-Design	50-266/1997025
86-Work untimely	G-Engineering	G-Design	50-266/1997025
81-Work Package Qua	G-Engineering	G-Design	50-266/1997025
83-Work practice or	G-Engineering	A-Administrative	50-266/1997025
83-Work practice or	G-Engineering	G-Design	50-266/1997025
83-Work practice or	G-Engineering	A-Administrative	50-266/1997025
81-Work Package Qua	G-Engineering	G-Design	50-266/1997025

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Details	Department	Work Type	Docket/Report
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Work Factors IR

Number of items: 88

Percent of Total: 42.72

81-Work Package Qua	G-Engineering	G-Design	50-266/1997025
93-Awareness or att	G-Engineering	G-Design	50-266/1997025
83-Work practice or	M-Mechanical	M-Maint / Repair	50-266/1997025
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-266/1997025
83-Work practice or	G-Engineering	G-Design	50-266/1997025
93-Awareness or att	G-Engineering	T-Testing	50-266/1997025
93-Awareness or att	E-Electrical	T-Testing	50-266/1997025
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-266/1997026
83-Work practice or	G-Engineering	G-Design	50-266/1997026
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-266/1997026
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-266/1997026
86-Work untimely	O-Operations	A-Administrative	50-266/1997026
93-Awareness or att	O-Operations	A-Administrative	50-266/1997026
83-Work practice or	E-Electrical	M-Maint / Repair	50-266/1997026
92-Self check LTA	E-Electrical	M-Maint / Repair	50-266/1997026
83-Work practice or	G-Engineering	G-Design	50-266/1997026
84-Non-conserv. dec	Z-Other	F-Modification	50-266/1997026
83-Work practice or	G-Engineering	T-Testing	50-266/1997026
83-Work practice or	O-Operations	O-Control Room Ops	50-266/1998003
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-266/1998003
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-266/1998003
83-Work practice or	M-Mechanical	K-Housekeeping	50-266/1998003
83-Work practice or	F-Fuel Handling	R-Refueling	50-266/1998003
83-Work practice or	H-Health Physics	H-Health Physics	50-266/1998003
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-266/1998003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-266/1998003
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-266/1998003
83-Work practice or	M-Mechanical	A-Administrative	50-266/1998003
84-Non-conserv. dec	G-Engineering	G-Design	50-266/1998003
81-Work Package Qua	G-Engineering	G-Design	50-266/1998003
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-266/1998006
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-266/1998006
83-Work practice or	M-Mechanical	M-Maint / Repair	50-266/1998006
81-Work Package Qua	G-Engineering	G-Design	50-266/1998006
83-Work practice or	G-Engineering	A-Administrative	50-266/1998006
83-Work practice or	M-Mechanical	F-Modification	50-266/1998007
81-Work Package Qua	G-Engineering	G-Design	50-266/1998009
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-266/1998009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-266/1998009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-266/1998009
93-Awareness or att	M-Mechanical	K-Housekeeping	50-266/1998009
93-Awareness or att	E-Electrical	K-Housekeeping	50-266/1998009
83-Work practice or	I-Instrumentation &	A-Administrative	50-266/1998010
83-Work practice or	I-Instrumentation &	A-Administrative	50-266/1998010
86-Work untimely	I-Instrumentation &	A-Administrative	50-266/1998010
83-Work practice or	I-Instrumentation &	A-Administrative	50-266/1998010

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92-Self check LTA	O-Operations	S-Surveillance	50-266/1998011
83-Work practice or	O-Operations	S-Surveillance	50-266/1998011
93-Awareness or att	G-Engineering	G-Design	50-266/1998011
86-Work untimely	G-Engineering	G-Design	50-266/1998011

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2x National Average: 255

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 88			
Percent of Total: 42.72			
94-Log-keeping or r	E-Electrical	A-Administrative	50-266/1998013
83-Work practice or	G-Engineering	F-Modification	50-266/1998013
86-Work untimely	G-Engineering	Z-Other	50-266/1998013
83-Work practice or	G-Engineering	G-Design	50-266/1998013
83-Work practice or	G-Engineering	G-Design	50-266/1998013
81-Work Package Qua	G-Engineering	G-Design	50-266/1998013
93-Awareness or att	P-Procedure Writers	F-Modification	50-266/1998014
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-266/1998014
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-266/1998014
84-Non-conserv. dec	O-Operations	D-Emergency Drill	50-266/1998014
84-Non-conserv. dec	Z-Other	D-Emergency Drill	50-266/1998014
85-Team interaction	D-Emergency Plannin	D-Emergency Drill	50-266/1998014
93-Awareness or att	G-Engineering	G-Design	50-266/1998015
93-Awareness or att	G-Engineering	G-Design	50-266/1998015
93-Awareness or att	G-Engineering	G-Design	50-266/1998015
93-Awareness or att	G-Engineering	G-Design	50-266/1998015
93-Awareness or att	G-Engineering	G-Design	50-266/1998015

Work Factors ER  
Number of items: 0  
Percent of total: 0

Work Factors LER  
Number of items: 9  
Percent of total: 4.37

92-Self check LTA	W-Work Control / Sc	A-Administrative	50-266/199800500
91-Verification / p	W-Work Control / Sc	A-Administrative	50-266/199800500
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-266/199801100
93-Awareness or att	O-Operations	A-Administrative	50-266/199801100
83-Work practice or	G-Engineering	S-Surveillance	50-266/199801200
92-Self check LTA	P-Procedure Writers	P-Procedure Dev	50-266/199801400
92-Self check LTA	P-Procedure Writers	P-Procedure Dev	50-266/199802400
91-Verification / p	P-Procedure Writers	P-Procedure Dev	50-266/199802400
93-Awareness or att	G-Engineering	G-Design	50-266/199802500

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